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NEWS	2	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS	3	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS	4	Oct 09	Number of Derwent World Patents Index updates increased
NEWS	5	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS	6	Oct 22	Over 1 million reactions added to CASREACT
NEWS	7	Oct 22	DGENE GETSIM has been improved
NEWS	8	Oct 29	AAASD no longer available
NEWS	9	Nov 19	New Search Capabilities USPATFULL and USPAT2
NEWS	10	Nov 19	TOXCENTER(SM) - new toxicology file now available on STN
NEWS	11	Nov 29	COPPERLIT now available on STN
NEWS	12	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS	13	Nov 30	Files VETU and VETB to have open access
NEWS	14	Dec 10	WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS	15	Dec 10	DGENE BLAST Homology Search
NEWS	16	Dec 17	WELDASEARCH now available on STN
NEWS	17	Dec 17	STANDARDS now available on STN
NEWS	18	Dec 17	New fields for DPCI
NEWS	19	Dec 19	CAS Roles modified
NEWS	20	Dec 19	1907-1946 data and page images added to CA and Cplus
NEWS	21	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	22	Jan 25	Searching with the P indicator for Preparations
NEWS	23	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	24	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
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=> s PHB-PHV(w) PHA  
21 FILES SEARCHED...  
L1 0 PHB-PHV(W) PHA

=> s polyhydroxybutyrate-polyhydroxyvalerate  
L2 174 POLYHYDROXYBUTYRATE-POLYHYDROXYVALERATE

=> s 12 and polyhydroxyalkanoate  
L3 23 L2 AND POLYHYDROXYALKANOATE

=> s 13 and hydroxyhexanoate  
L4 6 L3 AND HYDROXYHEXANOATE

=> d 14 1-6 au ti

L4 ANSWER 1 OF 6 USPATFULL  
IN Kruger, Niels, Billerbeck, GERMANY, FEDERAL REPUBLIC OF  
Steinbuchel, Alexander, Altenberje, GERMANY, FEDERAL REPUBLIC OF  
TI DNA sequence useful for the production of \*\*\*polyhydroxyalkanoates\*\*\*

L4 ANSWER 2 OF 6 USPATFULL  
IN Karhuketo, Hannu, Valkeakoski, Finland  
Korpela, Heikki, Valkeakoski, Finland  
TI Plastic laminate

L4 ANSWER 3 OF 6 USPATFULL  
IN Karhuketo, Hannu, Valkeakoski, Finland  
Korpela, Heikki, Valkeakoski, Finland  
TI Plastic Laminate

L4 ANSWER 4 OF 6 USPATFULL  
IN Martin, David P., Arlington, MA, United States  
Peoples, Oliver P., Arlington, MA, United States  
Williams, Simon F., Sherborn, MA, United States  
TI Methods for isolating \*\*\*polyhydroxyalkanoates\*\*\* from plants

L4 ANSWER 5 OF 6 USPATFULL  
IN Clemente, Thomas E., Lincoln, NE, United States  
Kishore, Ganesh M., Creve Coeur, MO, United States  
Mitsky, Timothy A., Maryland Heights, MO, United States  
Stark, David M., Chesterfield, MO, United States  
TI Rhodospirillum rubrum poly-.beta.-hydroxyalkanoate synthase

L4 ANSWER 6 OF 6 USPATFULL  
IN Kruger, Niels, Billerbeck, Germany, Federal Republic of  
Steinbuchel, Alexander, Munster, Germany, Federal Republic of  
TI DNA sequence useful for the production of \*\*\*polyhydroxyalkanoates\*\*\*

=> d 14 1-6

L4 ANSWER 1 OF 6 USPATFULL  
AN 2002:23306 USPATFULL  
TI DNA sequence useful for the production of \*\*\*polyhydroxyalkanoates\*\*\*  
IN Kruger, Niels, Billerbeck, GERMANY, FEDERAL REPUBLIC OF  
Steinbuchel, Alexander, Altenberje, GERMANY, FEDERAL REPUBLIC OF  
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)  
PI US 37543 E1 20020205  
US 5750848 19980512 (Original)  
AI US 2000-570842 20000512 (9)

US 1996-700576 19960813 (Original)  
 DT Reissue  
 FS GRANTED  
 LN.CNT 1766  
 INCL INCLM: 800/281.000  
 INCLS: 435/193.000; 435/252.340; 435/320.100; 435/419.000; 435/468.000;  
 435/471.000; 435/183.000; 435/252.300; 435/253.300; 530/350.000;  
 536/023.200; 536/023.600  
 NCL NCLM: 800/281.000  
 NCLS: 435/193.000; 435/252.340; 435/320.100; 435/419.000; 435/468.000;  
 435/471.000; 435/183.000; 435/252.300; 435/253.300; 530/350.000;  
 536/023.200; 536/023.600  
 IC [7]  
 ICM: C12N001-21  
 ICS: C12N005-14; C12N009-10; C12N015-31; C12N015-52; C12N015-78;  
 C12N015-82; C12N001-20; A01H005-00  
 EXF 435/69.1; 435/320.1; 435/468; 435/419; 435/243; 435/252.3; 435/252.1;  
 435/193; 435/252.34; 435/471; 435/183; 435/253.3; 800/278; 800/298;  
 800/320.1; 800/317.2; 800/317.3; 800/320.3; 800/312; 800/306; 800/322;  
 800/281; 536/23.2; 536/23.7; 530/350  
 L4 ANSWER 2 OF 6 USPATFULL  
 AN 2001:214761 USPATFULL  
 TI Plastic laminate  
 IN Karhuketo, Hannu, Valkeakoski, Finland  
 Korpela, Heikki, Valkeakoski, Finland  
 PA UPM-Kymmene Oyj, Valkeakoski, Finland (non-U.S. corporation)  
 PI US 6322899 B1 20011127  
 WO 9901278 19990114  
 AI US 1999-242586 19990506 (9)  
 WO 1998-FI489 19980609  
 19990506 PCT 371 date  
 19990506 PCT 102(e) date  
 PRAI FI 1997-2638 19970619  
 DT Utility  
 FS GRANTED  
 LN.CNT 211  
 INCL INCLM: 428/475.200  
 INCLS: 428/479.300; 428/479.600; 428/480.000; 428/481.000; 428/532.000;  
 428/533.000; 428/537.500  
 NCL NCLM: 428/475.200  
 NCLS: 428/479.300; 428/479.600; 428/480.000; 428/481.000; 428/532.000;  
 428/533.000; 428/537.500  
 IC [7]  
 ICM: B32B027-08  
 ICS: B32B027-10; B32B027-34; B32B027-36  
 EXF 428/34.2; 428/34.3; 428/35.7; 428/480; 428/481; 428/532; 428/533;  
 428/474.7; 428/475.2; 428/479.3; 428/479.6; 428/537.5  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L4 ANSWER 3 OF 6 USPATFULL  
 AN 2001:88607 USPATFULL  
 TI Plastic Laminate  
 IN Karhuketo, Hannu, Valkeakoski, Finland  
 Korpela, Heikki, Valkeakoski, Finland  
 PA UPM-KYMMENE OYJ (non-U.S. corporation)  
 PI US 2001000742 A1 20010503

AI US 2000-742589 A1 20001221 (9)  
RLI Continuation of Ser. No. US 1999-242586, filed on 6 May 1999, ABANDONED  
A 371 of International Ser. No. WO 1998-FI489, filed on 9 Jun. 1998,  
UNKNOWN  
PRAI FI 1997-2638 19970619  
DT Utility  
FS APPLICATION  
LN.CNT 219  
INCL INCLM: 428/480.000  
NCL NCLM: 428/480.000  
IC [7]  
ICM: B32B027-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 6 USPATFULL  
AN 2000:84070 USPATFULL  
TI Methods for isolating \*\*\*polyhydroxyalkanoates\*\*\* from plants  
IN Martin, David P., Arlington, MA, United States  
Peoples, Oliver P., Arlington, MA, United States  
Williams, Simon F., Sherborn, MA, United States  
PA Metabolix, Inc., Cambridge, MA, United States (U.S. corporation)  
PI US 6083729 20000704  
AI US 1995-548840 19951026 (8)  
DT Utility  
FS Granted  
LN.CNT 978  
INCL INCLM: 435/135.000  
INCLS: 435/136.000; 528/354.000; 528/358.000; 528/361.000; 560/185.000  
NCL NCLM: 435/135.000  
NCLS: 435/136.000; 528/354.000; 528/358.000; 528/361.000; 560/185.000  
IC [7]  
ICM: C12P007-62  
ICS: C12P007-40; C08G063-06; C07C069-66  
EXF 435/135; 435/136; 528/361; 528/354; 528/358; 560/185  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 6 USPATFULL  
AN 1998:157492 USPATFULL  
TI Rhodospirillum rubrum poly-.beta.-hydroxyalkanoate synthase  
IN Clemente, Thomas E., Lincoln, NE, United States  
Kishore, Ganesh M., Creve Coeur, MO, United States  
Mitsky, Timothy A., Maryland Heights, MO, United States  
Stark, David M., Chesterfield, MO, United States  
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)  
PI US 5849894 19981215  
AI US 1996-756317 19961125 (8)  
PRAI US 1995-7693 19951129 (60)  
DT Utility  
FS Granted  
LN.CNT 1592  
INCL INCLM: 536/023.200  
INCLS: 435/183.000; 435/320.100; 435/252.300; 935/022.000  
NCL NCLM: 536/023.200  
NCLS: 435/183.000; 435/252.300; 435/320.100  
IC [6]  
ICM: C12N009-00  
ICS: C12N015-00; C12N001-20; C07H021-04

EXF 435/183; 435/252.3; 435/320.1; 435/410; 536/23.2; 935/22  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 6 USPATFULL  
AN 1998:51918 USPATFULL  
TI DNA sequence useful for the production of \*\*\*polyhydroxyalkanoates\*\*\*  
IN Kruger, Niels, Billerbeck, Germany, Federal Republic of  
Steinbuchel, Alexander, Munster, Germany, Federal Republic of  
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)  
PI US 5750848 19980512  
AI US 1996-700576 19960813 (8)  
DT Utility  
FS Granted  
LN.CNT 1669  
INCL INCLM: 800/205.000  
INCLS: 435/172.300; 435/183.000; 435/252.300; 435/253.300; 435/320.100;  
435/419.000; 435/252.340; 536/023.200; 536/023.700; 800/250.000;  
800/DIG.009; 800/DIG.014; 800/DIG.015; 800/DIG.023; 800/DIG.026;  
800/DIG.042; 800/DIG.043; 800/DIG.056; 800/DIG.058; 530/350.000  
NCL NCLM: 800/281.000  
NCLS: 435/183.000; 435/252.300; 435/252.340; 435/253.300; 435/320.100;  
435/419.000; 530/350.000; 536/023.200; 536/023.700  
IC [6]  
ICM: A01H005-00  
ICS: C12N001-20; C12N001-21; C12N005-14  
EXF 530/350; 536/23.2; 536/23.7; 435/320.1; 435/410; 435/419; 435/243;  
435/172.3; 435/183; 435/193; 435/252.3; 435/253.3; 435/252.34; 800/205;  
800/250; 800/DIG.1; 800/DIG.14; 800/DIG.15; 800/DIG.23; 800/DIG.26;  
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=> d l3 1-5 au ti

L3 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Savenkova, L.; Gercberga, Z.; Bibers, I.; Kalnin, M.  
TI Effect of 3-hydroxy valerate content on some physical and mechanical  
properties of \*\*\*polyhydroxyalkanoates\*\*\* produced by Azotobacter  
chroococcum

L3 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Page, W. J.; Bhanthumnavin, N.; Manchak, J.; Ruman, M.  
TI Production of poly(.beta.-hydroxybutyrate-.beta.-hydroxyvalerate)  
copolymer from sugars by Azotobacter salinestris

L3 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Park, Sang Kyu; Lee, Kang Tae; Kim, Youngback; Rhee, Young Ha  
TI Biosynthesis of polyhydroxybutyrate and poly(3-hydroxybutyrate-co-3-  
hydroxyvalerate) by Bacillus thuringiensis R-510

L3 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2002 ACS

AU Volova, T. G.; Belyaeva, O. G.; Plotnikov, V. F.; Puzyr, A. P.  
 TI Biodegradability of microbial \*\*\*polyhydroxyalkanoates\*\*\*

L3 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Cho, Kyung-Suk; Ryu, Hee Wook; Park, Chang-Ho; Goodrich, Philip R.  
 TI Poly(hydroxybutyrate-co-hydroxyvalerate) from swine waste liquor by  
 Azotobacter vinelandii UWD

=> d 13 1-23 au ti

L3 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Savenkova, L.; Gercberga, Z.; Bibers, I.; Kalnin, M.  
 TI Effect of 3-hydroxy valerate content on some physical and mechanical  
 properties of \*\*\*polyhydroxyalkanoates\*\*\* produced by Azotobacter  
 chroococcum

L3 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Page, W. J.; Bhanthumnavin, N.; Manchak, J.; Ruman, M.  
 TI Production of poly(.beta.-hydroxybutyrate-.beta.-hydroxyvalerate)  
 copolymer from sugars by Azotobacter salinestris

L3 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Park, Sang Kyu; Lee, Kang Tae; Kim, Youngback; Rhee, Young Ha  
 TI Biosynthesis of polyhydroxybutyrate and poly(3-hydroxybutyrate-co-3-  
 hydroxyvalerate) by Bacillus thuringiensis R-510

L3 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Volova, T. G.; Belyaeva, O. G.; Plotnikov, V. F.; Puzyr, A. P.  
 TI Biodegradability of microbial \*\*\*polyhydroxyalkanoates\*\*\*

L3 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Cho, Kyung-Suk; Ryu, Hee Wook; Park, Chang-Ho; Goodrich, Philip R.  
 TI Poly(hydroxybutyrate-co-hydroxyvalerate) from swine waste liquor by  
 Azotobacter vinelandii UWD

L3 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 IN Cox, Michael Kenneth; Hammond, Timothy; Wood, John Christopher  
 TI Copolyesters

L3 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 IN Bluhm, Terry L.; Marchessault, Robert H.; Fuller, Timothy J.  
 TI electrophotographic toners containing polyester resins

L3 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Slater, Steven; Gallaher, Thomas; Dennis, Douglas  
 TI Production of poly-(3-hydroxybutyrate-co-3-hydroxyvalerate) in a  
 recombinant Escherichia coli strain

L3 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 IN Byrom, David; Steinbuchel, Alexander  
 TI Manufacture of hydroxybutyrate-hydroxyvalerate copolymers with amino  
 acid-overproducing bacteria

L3 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AU Chen, Guo Qiang; Koenig, Karl Heinz; Lafferty, Robert M.  
 TI Occurrence of poly-D(-)-3-hydroxyalkanoates in the genus Bacillus



L3 ANSWER 11 OF 23 FSTA COPYRIGHT 2002 IFIS  
 AU Luzier, W. D.  
 TI Materials derived from biomass/biodegradable materials.

L3 ANSWER 12 OF 23 USPATFULL  
 IN Kruger, Niels, Billerbeck, GERMANY, FEDERAL REPUBLIC OF  
 Steinbuchel, Alexander, Altenberje, GERMANY, FEDERAL REPUBLIC OF  
 TI DNA sequence useful for the production of \*\*\*polyhydroxyalkanoates\*\*\*

L3 ANSWER 13 OF 23 USPATFULL  
 IN Karhuketo, Hannu, Valkeakoski, Finland  
 Korpela, Heikki, Valkeakoski, Finland  
 TI Plastic laminate

L3 ANSWER 14 OF 23 USPATFULL  
 IN Karhuketo, Hannu, Valkeakoski, Finland  
 Korpela, Heikki, Valkeakoski, Finland  
 TI Plastic Laminate

L3 ANSWER 15 OF 23 USPATFULL  
 IN Suhonen, Jouko, 663 Garth Ct., Yorktown Heights, NY, United States  
 10598  
 Schug, Jens, Im Mittelleimbach 11, CH-8041 Zurich, Switzerland  
 TI Medical implant

L3 ANSWER 16 OF 23 USPATFULL  
 IN Martin, David P., Arlington, MA, United States  
 Peoples, Oliver P., Arlington, MA, United States  
 Williams, Simon F., Sherborn, MA, United States  
 TI Methods for isolating \*\*\*polyhydroxyalkanoates\*\*\* from plants

L3 ANSWER 17 OF 23 USPATFULL  
 IN Clemente, Thomas E., Lincoln, NE, United States  
 Kishore, Ganesh M., Creve Coeur, MO, United States  
 Mitsky, Timothy A., Maryland Heights, MO, United States  
 Stark, David M., Chesterfield, MO, United States  
 TI Rhodospirillum rubrum poly-.beta.-hydroxyalkanoate synthase

L3 ANSWER 18 OF 23 USPATFULL  
 IN Kruger, Niels, Billerbeck, Germany, Federal Republic of  
 Steinbuchel, Alexander, Munster, Germany, Federal Republic of  
 TI DNA sequence useful for the production of \*\*\*polyhydroxyalkanoates\*\*\*

L3 ANSWER 19 OF 23 USPATFULL  
 IN Hashitani, Takafumi, Kawasaki, Japan  
 Fujita, Shozo, Kawasaki, Japan  
 Iijima, Makoto, Kawasaki, Japan  
 Asano, Koji, Kawasaki, Japan  
 TI Biodegradable resin molded article

L3 ANSWER 20 OF 23 USPATFULL  
 IN Buchanan, Charles M., Bluff City, TN, United States  
 Gardner, Robert M., Gray, TN, United States  
 Wood, Matthew D., Kingsport, TN, United States  
 White, Alan W., Kingsport, TN, United States  
 Gedon, Steven C., Kingsport, TN, United States

TI Barlow, Jr., Fred D., Kingsport, TN, United States  
Aliphatic-aromatic copolyesters and cellulose ester/polymer blends

L3 ANSWER 21 OF 23 USPATFULL  
IN Hashitani, Takafumi, Kawasaki, Japan  
Fujita, Shozo, Kawasaki, Japan  
Iijima, Makoto, Kawasaki, Japan  
Asano, Koji, Kawasaki, Japan  
TI Biodegradable resin molded article

L3 ANSWER 22 OF 23 USPATFULL  
IN Buchanan, Charles M., Bluff City, TN, United States  
Gardner, Robert M., Gray, TN, United States  
Wood, Matthew D., Kingsport, TN, United States  
White, Alan W., Kingsport, TN, United States  
Gedon, Steven C., Kingsport, TN, United States  
Barlow, Jr., Fred D., Kingsport, TN, United States  
TI Aliphatic-aromatic copolyesters and cellulose ester/polymer blends

L3 ANSWER 23 OF 23 USPATFULL  
IN Fuller, Timothy J., West Henrietta, NY, United States  
Marchessault, Robert H., Montreal, Canada  
Bluhm, Terry L., Oakville, Canada  
TI Toner and developer compositions containing biodegradable  
semicrystalline polyesters

=> d 13 2,3 ,5 ,6, 8-10 au ti

L3 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Page, W. J.; Bhanthumnavin, N.; Manchak, J.; Ruman, M.  
TI Production of poly(.beta.-hydroxybutyrate-.beta.-hydroxyvalerate)  
copolymer from sugars by Azotobacter salinestris

L3 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Park, Sang Kyu; Lee, Kang Tae; Kim, Youngback; Rhee, Young Ha  
TI Biosynthesis of polyhydroxybutyrate and poly(3-hydroxybutyrate-co-3-  
hydroxyvalerate) by Bacillus thuringiensis R-510

L3 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Cho, Kyung-Suk; Ryu, Hee Wook; Park, Chang-Ho; Goodrich, Philip R.  
TI Poly(hydroxybutyrate-co-hydroxyvalerate) from swine waste liquor by  
Azotobacter vinelandii UWD

L3 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2002 ACS  
IN Cox, Michael Kenneth; Hammond, Timothy; Wood, John Christopher  
TI Copolyesters

L3 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Slater, Steven; Gallaher, Thomas; Dennis, Douglas  
TI Production of poly-(3-hydroxybutyrate-co-3-hydroxyvalerate) in a  
recombinant Escherichia coli strain

L3 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2002 ACS  
IN Byrom, David; Steinbuchel, Alexander  
TI Manufacture of hydroxybutyrate-hydroxyvalerate copolymers with amino  
acid-overproducing bacteria

L3 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Chen, Guo Qiang; Koenig, Karl Heinz; Lafferty, Robert M.  
TI Occurrence of poly-D(-)-3-hydroxyalkanoates in the genus *Bacillus*

=> d 13 2

L3 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:545870 CAPLUS  
DN 127:231661  
TI Production of poly(.beta.-hydroxybutyrate-.beta.-hydroxyvalerate)  
copolymer from sugars by *Azotobacter salinestris*  
AU Page, W. J.; Bhanthumnavin, N.; Manchak, J.; Ruman, M.  
CS Department of Biological Sciences, University of Alberta, Edmonton, AB,  
T6G 2E9, Can.  
SO Appl. Microbiol. Biotechnol. (1997), 48(1), 88-93  
CODEN: AMBIDG; ISSN: 0175-7598  
PB Springer  
DT Journal  
LA English

=> d 13 3

L3 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:477118 CAPLUS  
DN 127:173634  
TI Biosynthesis of polyhydroxybutyrate and poly(3-hydroxybutyrate-co-3-  
hydroxyvalerate) by *Bacillus thuringiensis* R-510  
AU Park, Sang Kyu; Lee, Kang Tae; Kim, Youngback; Rhee, Young Ha  
CS Department of Microbiology, Chungnam National University, Taejon, 305-764,  
S. Korea  
SO J. Microbiol. (Seoul) (1997), 35(2), 127-133  
CODEN: JOMIFG; ISSN: 1225-8873  
PB Microbiological Society of Korea  
DT Journal  
LA English

=> d 13 5

L3 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:166351 CAPLUS  
DN 126:304932  
TI Poly(hydroxybutyrate-co-hydroxyvalerate) from swine waste liquor by  
*Azotobacter vinelandii* UWD  
AU Cho, Kyung-Suk; Ryu, Hee Wook; Park, Chang-Ho; Goodrich, Philip R.  
CS Dep. Environmental Eng., Ewha Women's Univ., Seoul, 120-750, S. Korea  
SO Biotechnol. Lett. (1997), 19(1), 7-10  
CODEN: BILED3; ISSN: 0141-5492  
PB Chapman and Hall  
DT Journal  
LA English

=> d 13 6

L3 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2002 ACS  
 AN 1996:363619 CAPLUS  
 DN 125:32093  
 TI Copolyesters  
 IN Cox, Michael Kenneth; Hammond, Timothy; Wood, John Christopher  
 PA Zeneca Limited, UK  
 SO PCT Int. Appl., 15 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
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PI	WO 9609402	A1	19960328	WO 1995-GB2257	19950921
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	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2200473	AA	19960328	CA 1995-2200473	19950921
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	EP 783587	A1	19970716	EP 1995-932101	19950921
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 10506012	T2	19980616	JP 1995-510700	19950921
	NO 9701279	A	19970512	NO 1997-1279	19970319
	FI 9701199	A	19970520	FI 1997-1199	19970321
	US 5977291	A	19991102	US 1997-809946	19970922
PRAI	GB 1994-19082		19940922		
	WO 1995-GB2257		19950921		

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L3 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2002 ACS

AN 1992:212919 CAPLUS

DN 116:212919

TI Production of poly-(3-hydroxybutyrate-co-3-hydroxyvalerate) in a recombinant Escherichia coli strain

DN 116:18156  
TI Occurrence of poly-D(-)-3-hydroxyalkanoates in the genus *Bacillus*  
AU Chen, Guo Qiang; Koenig, Karl Heinz; Lafferty, Robert M.  
CS Inst. Biotechnol., Graz Univ. Technol., Graz, Austria  
SO FEMS Microbiol. Lett. (1991), 84(2), 173-6  
CODEN: FMLED7; ISSN: 0378-1097  
DT Journal  
LA English



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